

GENERAL MICROBIOLOGY
 FALL, 2009
 APPROXIMATE SCHEDULE OF EVENTS

<u>Day</u>	<u>Date</u>	<u>Topic</u>	<u>Class Session</u>	<u>Text Chapter</u>
W	9 Sept	Introduction		
F	11	Microbiology in Perspective I: History and Scope of Microbiology	1	1
M	14	Microbiology in Perspective II: Microscopy	1	2
W	16	Microbial Anatomy I: Cell Membranes & Internal Structures	2	3
F	18	Microbial Anatomy II: Cell Walls & External Structures Review Chapter 4 on your own.	2	3
M	21	Microbial Growth I: Nutrition	3	5
W	23	Microbial Growth II: Growth	3	6
F	25	Microbial Growth III: Control of Growth	3	7
M	28	Microbial Metabolism I: Enzyme Structure and Function	4	8
W	30	Microbial Metabolism II: Catabolism	4	9
F	2 Oct	Microbial Metabolism II: Catabolism (continued)	4	9
M	5	Microbial Metabolism II: Catabolism (continued)	4	9
W	7	Microbial Metabolism III: Biosynthesis	4	10
F	9	Microbial Metabolism III: Biosynthesis (continued)	4	10
M	12	Microbial Genetics I: Gene Structure, Mutations and Repair (cont.)	5	11
W	14	Microbial Genetics II: Gene Expression and Regulation	5	12
F	16	Microbial Genetics II: Gene Expression and Regulation (cont)	5	12
M	19	Microbial Genetics III: Genetic Recombination	5	13
W	21	Microbial Genetics III: Genetic Recombination (cont.)	5	13
F	23	Microbial Genetics IV: Recombinant DNA Technology	5	14, 15
M	26	Viruses I: General Characteristics of Viruses	6	16
W	28	Viruses II: Bacteriophages	6	17
F	30	Viruses III: Animal Viruses	6	18
M	2 Nov	Microbial Diversity I: Evolution and Taxonomy Review Chapters 20-26 on your own.	7	19
W	4	Microbial Diversity I: Evolution and Taxonomy (cont.)	7	19
F	6	Microbial Diversity II: Microbial Interactions	7	30
M	9	Environmental Microbiology I: Nutrient Cycling & Energy Flow	8	27
W	11	Holiday		
F	13	Environmental Microbiology II: Aquatic Ecosystems	8	28

M	16	Environmental Microbiology III: Terrestrial Ecosystems	8	29
W	18	Applied Microbiology I: Food Microbiology	9	40
F	20	Applied Microbiology II: Industrial Microbiology	9	41
M	23	Applied Microbiology III: Water and Sewage	9	41
WF	25-27	Thanksgiving Holiday		
M	30	Medical Microbiology I: Pathogenicity Review Chapters 31 & 32 on your own.	10	33
W	2 Dec	Medical Microbiology II: Antimicrobial Chemotherapy	10	34
F	4	Medical Microbiology III: Epidemiology	10	36
M	7 Dec	Medical Microbiology IV: Microbial Diseases	10	37-39
W	9	Medical Microbiology IV: Microbial Diseases	10	37-39
F	11	Medical Microbiology IV: Microbial Diseases	10	37-39
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Oral/Midterm Exams:				
M-F	26-30 Oct	Midterm Exams	1-5	1-15
M-W	14-18 Dec	Final Exams	1-10	Comp.